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WO 2006/057499

Fig. 1

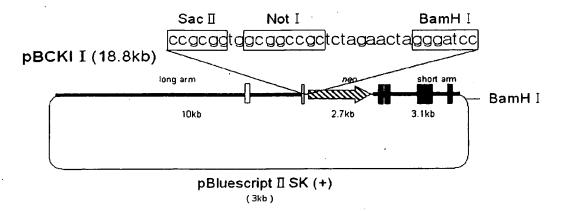
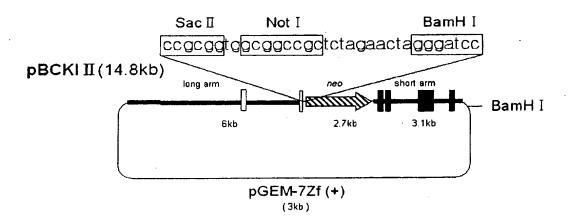


Fig. 2



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Fig. 3

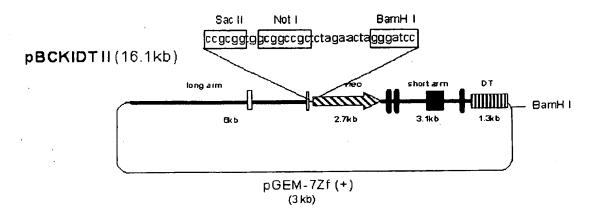


Fig. 4

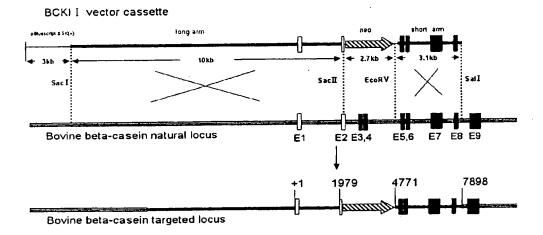


Fig. 5

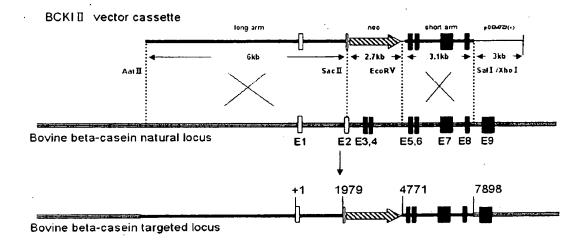


Fig. 6

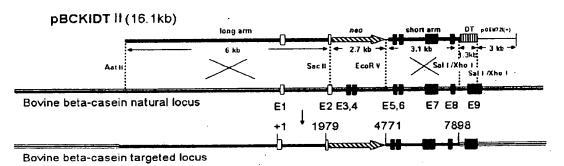
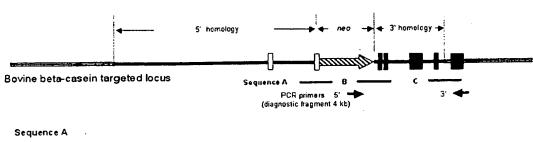


Fig. 7



ovine beta-casein targeted locus	Sequence A	- в -		
		DR primers 5' stic fragment 4 kb)	3.	
Sequence A				
cocattoccaggaatigagagoo cogeggtggggggcgctctaga	aactagggatee ccaggaa	gctcctctgtgtcctca		
5' homotogy restriction st		neo		
Sequence B		•		
PCR pamer 5'				•
cilact <mark>ccacacaggcataga gigicig c</mark> atiaataacialgcica acatigiagaggitifactigdtiaaaaaaccteccacacdeecec acaaalaaagcattiitticactgcaticiagligiggttigiccaaacte	inaaccidaaacalaaaaidi	iat ocaati off official action is an o	:agct(a:aaid3tiacaaaiaaaa,	itcalaatcagccala aatagcalcacaaal
neo		3'homology		
Sequence C				,
3' hamalogy		endogenous locus		
ttcstgsgtcaaaatacaatctcacagtc cagatatgggacttaaaa cgalgttiggtcclagaggaattttlataacctttaagagaaggcalagc datgttgttctctattccacagaatgactgcgactggaata	carddidiirrr Graaraadaiir	galattettaacaalacaceateetiitgtg Hilhatgaaaaa gteacaceaaaaltg	atcatgattcagcagacattiaata .caaalgggggigagaigaagagi	iaatgattocaagtaa; lataacatalaactaa:

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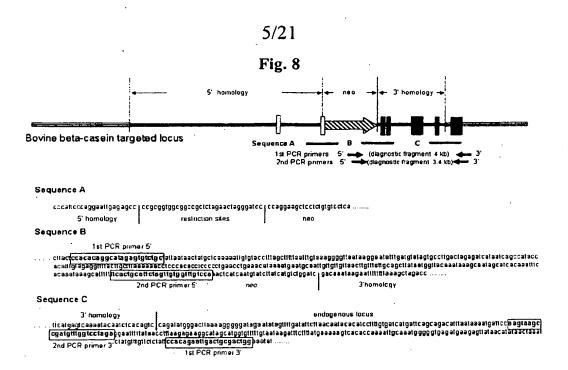
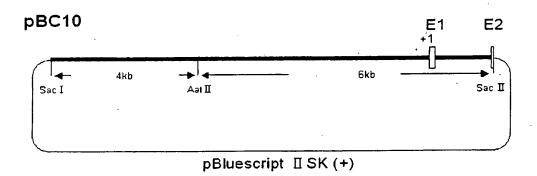


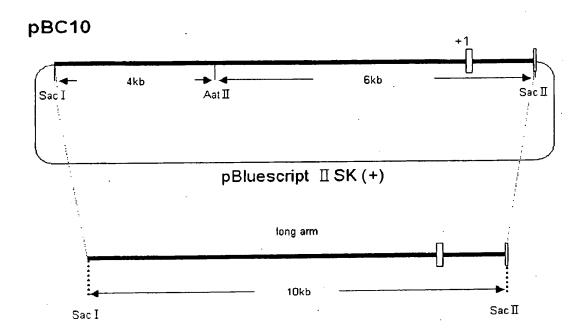
Fig. 9



enzymes which do not cut the beta-casein gene locus in BC10 vector Sma I , BamH I , Sal I , Spe I , Cla I

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Fig. 10



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Fig. 11

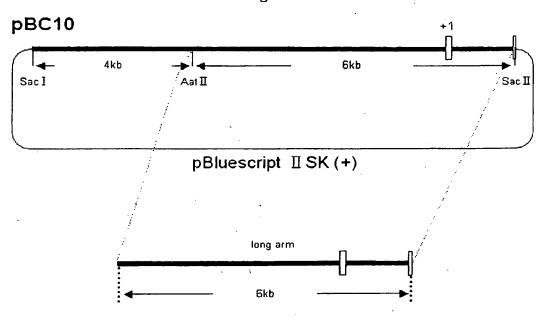
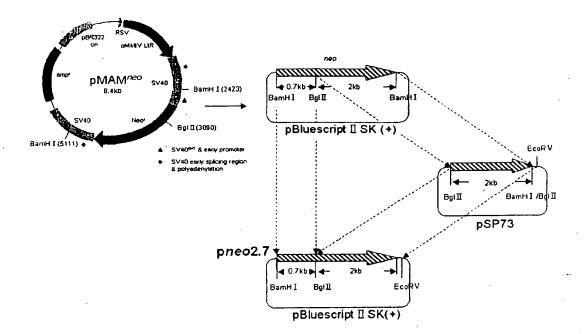


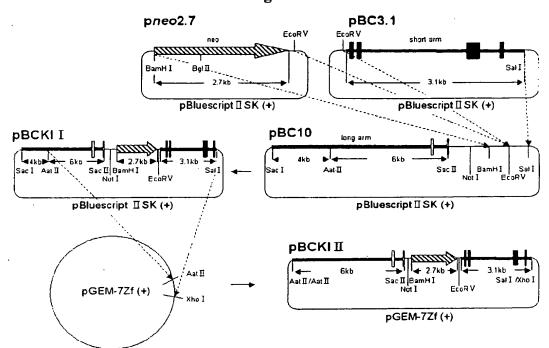
Fig. 12 E7 E8 E5,6 3.2kb 16 17/18 14.5 5-catatgtogactgtgagattgtattttgact-3' Sal I 5'-attcagtcg.agtggaacataa.actttcagcc-3' Xho I Hinc II 3.1kb pBC3.1 3.2kb EcoR V Xho I /Sal I Sal I /Sal I pGEM®-T 3.1kb 4771 Hinc II/Sal I pBluescript ∏ SK (+)

Fig. 13



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Fig. 14



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Fig. 15

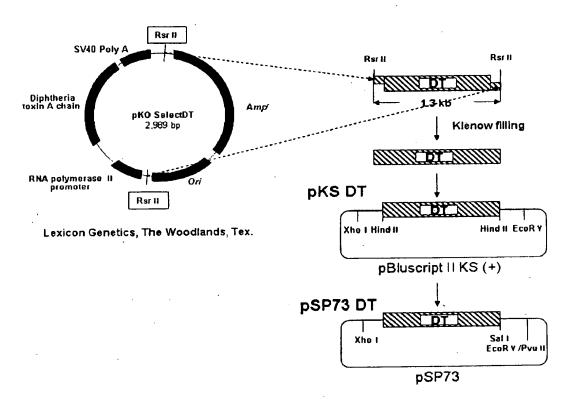


Fig. 16

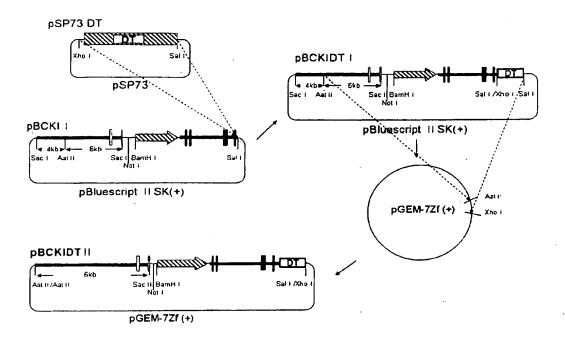
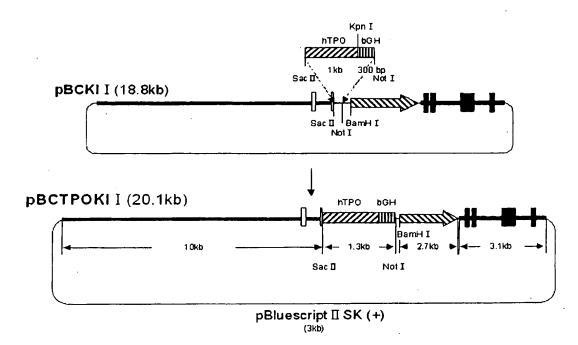
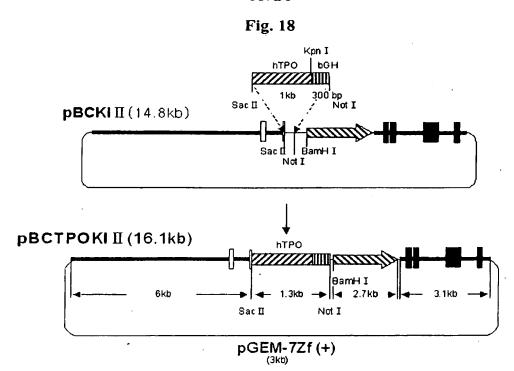


Fig. 17



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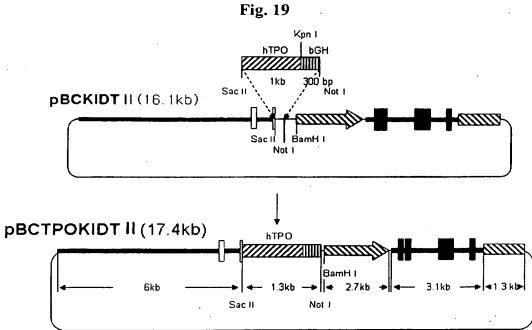
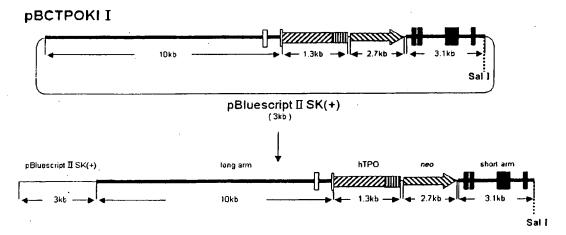


Fig. 20

pGEM-7Zf (+)



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Fig. 21

pBCTPOKI II

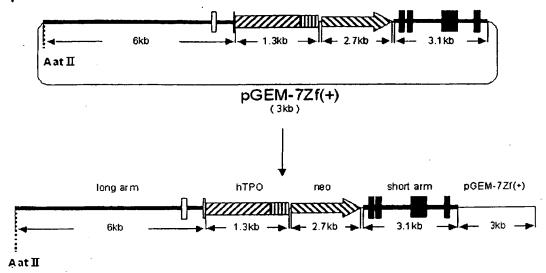
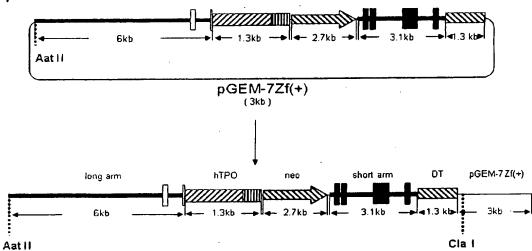


Fig. 22

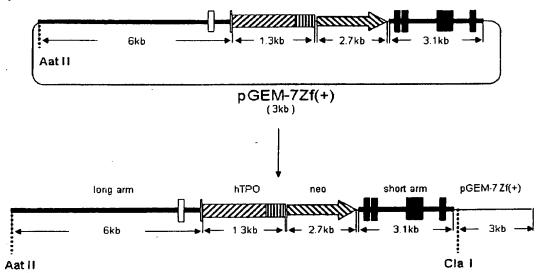
pBCTPOKIDT II



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Fig. 23

pBCTPOKIII



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Fig. 24

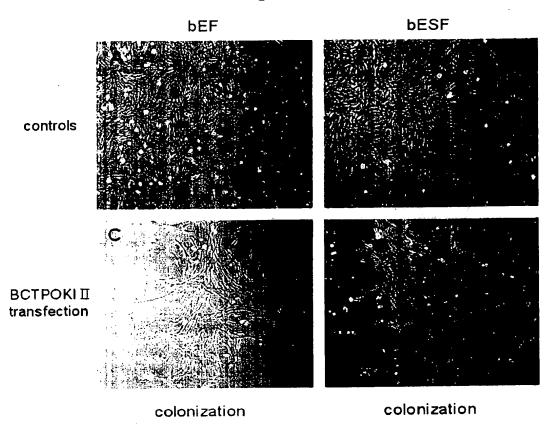


Fig. 25



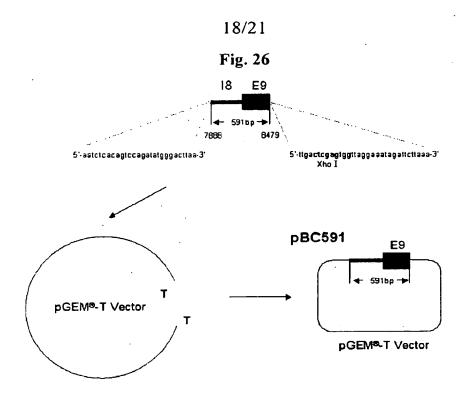
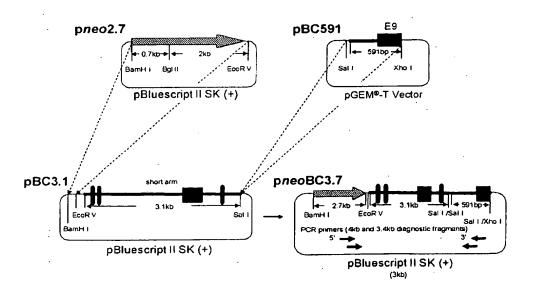


Fig. 27



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Fig. 28

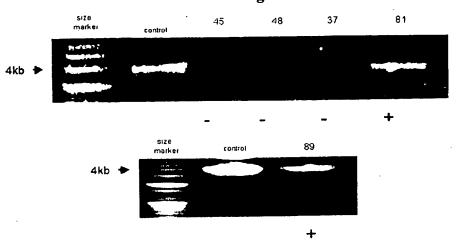
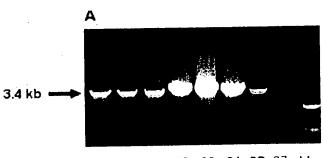
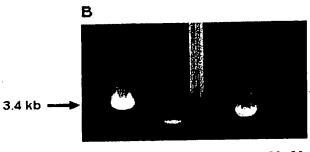


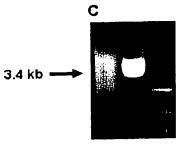
Fig. 29



5 30 17 18 20 21 26 27 M



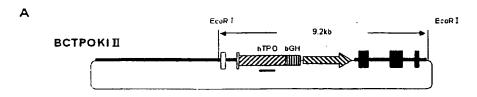
13 **16** 18 M 19 20 24 26 29

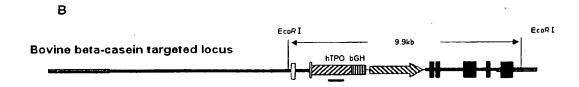


+ 1

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Fig. 30





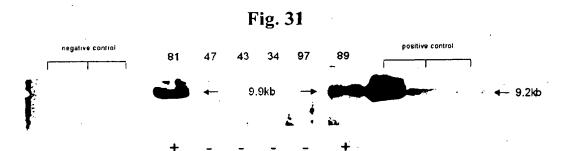


Fig. 32

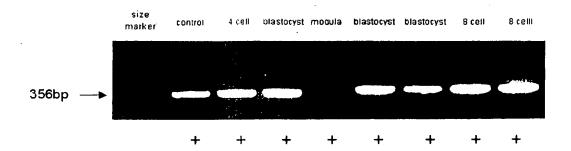


Fig. 33

